



## Local Situation Report

Prepared: 7-20-14 @ 1000

Local	GACC	Nat'l
1	1	3

**Today's Fire Danger**  
**Moderate/High**

## INCIDENT SUMMARY for Yesterday

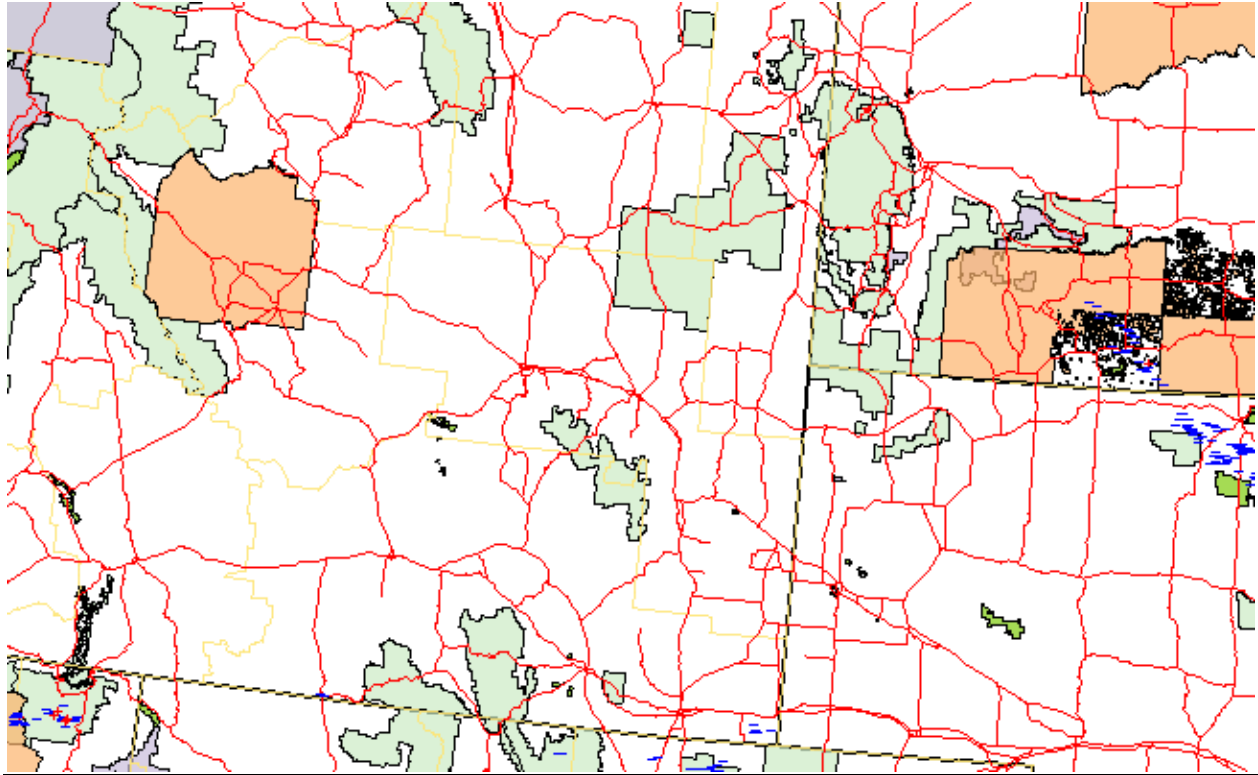
COUNTY AND STATE FIRES						
<u>Unit</u>	<u>Inc Name</u>	<u>Size</u>	<u>Cause</u>	<u>Status</u>	<u>Location</u>	<u>Remarks</u>
CMX	Shippy	.5	UNK		53N 69W 14	
CMX	Weston	37	L	Active	53N 71W 9	E-492, H-2TJ, Smokebusters, multiple CMX engines

MED BOW NATIONAL FOREST						
<u>Unit</u>	<u>Inc Name</u>	<u>Size</u> (Acres)	<u>Cause</u>	<u>Status</u>	<u>Location</u>	<u>Remarks</u>

WHPD BLM						
<u>Unit</u>	<u>Inc Name</u>	<u>Size</u>	<u>Cause</u>	<u>Status</u>	<u>Location</u>	<u>Remarks</u>

**Area Discussion:**

2 new fires in Campbell County. Weston fire 30% contained. Red flag warnings for Zone 280, 301, 302 1200-2000 tonight for high winds and low RH.

**Lightning Map****INDICES (forecasted/actual)**

<b><u>FDRA</u></b>	<b>Predicted Today 7/20</b>		
	<b>Indices</b>	<b>Forecasted for 7/20</b>	<b>Actual for 7/19</b>
Echeta	BI	62	60
Rochelle Hills	BI	64	59
Rochelle Hills	ERC	19	17
Poker Creek	ERC	54	55
Casper Mtn	ERC	58	60
Fales Rock	BI	114	75
Sandstone	ERC	N/A	66
Esterbrook	ERC	49	45
Sawmill Park	ERC	44	40

## Duty Officers for Today:

<b><u>Duty Officers</u></b>	FS - Laramie	<b>Gonnoud</b>
	FS - Saratoga	<b>Rogge</b>
	FS - Douglas	<b>Westbrook</b>
	BLM	<b>Ellis</b>
	State	<b>Fallbeck</b>
	FS – MBF NF	<b>Miller</b>
	Dispatch	<b>Adams</b>

<b>Local Aviation Resources</b>		Location	Status
	2TJ (Duncan) State	<b>Weston HB</b>	<b>Committed</b>
	2HX (Rawlins) BLM	<b>Out of area</b>	<b>Committed</b>
	HT-718	<b>LAR</b>	<b>Avail</b>
	T-866	RWL	Avail
	T-809	RWL	Avail

## Pumpkin Time for Aircraft for Today:

	Sunrise	Sunset	Pumpkin Time
Gillette	0537	2039	<b>2109</b>
Casper	0545	2038	<b>2108</b>
Glenrock	0543	2036	<b>2106</b>
Laramie	0546	2030	<b>2100</b>

## Fire Restriction for the zone:

Agency	Date	Closed	Remarks
WEX	7/10		Weston Cnt open burning restrictions
BLM	7/10		BLM Lands Weston County

# Weather Discussion

WYZ280 -  
NATRONA COUNTY/CASPER BLM

A COMBINATION OF LOW RELATIVE HUMIDITY AND A GUSTY WEST TO SOUTHWEST WIND WILL CONTINUE CRITICAL FIRE WEATHER FOR ZONE 280 TODAY. PLEASE SEE THE RED FLAG WARNING FOR DETAILS. OTHERWISE EXPECT A HOT...BREEZY AND MAINLY DRY DAY TODAY. MOISTURE WILL SURGE TOWARD THE AREA LATE TODAY AND THIS EVENING. ALTHOUGH THE DEEPEST MOISTURE WILL REMAIN WEST OF THE DISPATCH AREA...A LATE DAY THUNDERSTORM CANNOT BE RULED OUT...ESPECIALLY IN ZONE 289. ON MONDAY...DEEPER MOISTURE WILL SHIFT NORTHWARD WITH THE BEST CHANCE OF ANY CONVECTION IN ZONE 281. DRY AND SLIGHTLY COOLER WEATHER WILL BE THE RULE FOR TUESDAY.

**...RED FLAG WARNING IN EFFECT FROM NOON TODAY TO 8 PM MDT THIS EVENING...**

## **.TODAY...**

SKY/WEATHER.....MOSTLY SUNNY UNTIL 1200...THEN PARTLY CLOUDY.  
AREAS OF SMOKE UNTIL 1200.  
MAX TEMPERATURE.....90-95.  
MIN HUMIDITY.....8-14 PERCENT.  
20-FOOT WINDS.....WEST WINDS AROUND 10 MPH AND GUSTY UNTIL  
1200...THEN AROUND 20 MPH WITH GUSTS TO AROUND  
30 MPH.  
RIDGE TOP WINDS.....WEST 15 TO 20 MPH UNTIL 1500...THEN AROUND 25  
MPH.  
LAL.....1.  
CHC OF WETTING RAIN.ZERO PERCENT.  
HAINES INDEX.....5 OR MODERATE POTENTIAL FOR LARGE PLUME  
DOMINATED FIRE GROWTH.

## **.TONIGHT...**

SKY/WEATHER.....PARTLY CLOUDY.  
MIN TEMPERATURE.....60-65.  
MAX HUMIDITY.....50-56 PERCENT.  
20-FOOT WINDS.....SOUTHWEST WINDS 15 TO 20 MPH. GUSTS UP TO 20  
MPH UNTIL 2400...THEN 30 MPH UNTIL 0300...THEN  
20 MPH.  
RIDGE TOP WINDS.....WEST 15 TO 20 MPH UNTIL 2400...THEN SOUTHWEST  
20 TO 25 MPH.  
LAL.....1.  
CHC OF WETTING RAIN.ZERO PERCENT.  
TRANSPORT WINDS.....SOUTHWEST 20 TO 25 MPH.  
HAINES INDEX.....5 OR MODERATE POTENTIAL FOR LARGE PLUME  
DOMINATED FIRE GROWTH.

# Weather Discussion

WYZ301 -

NIOBRARA/LOWER ELEVATIONS OF CONVERSE/THUNDER BASIN NATIONAL  
GRASSLAND

.DISCUSSION...DRY AND BREEZY CONDITIONS WILL PREVAIL TODAY...  
ESPECIALLY ACROSS SOUTHEAST WYOMING. THE DRY AND BREEZY CONDITIONS  
WILL CONTINUE INTO MONDAY AND TUESDAY...BEFORE A SLIGHT CHANCE OF  
LATE DAY THUNDERSTORMS STARTS WEDNESDAY INTO THE WEEKEND.

**...RED FLAG WARNING IN EFFECT FROM NOON TODAY TO 8 PM MDT THIS  
EVENING...**

## **.TODAY...**

SKY/WEATHER.....MOSTLY SUNNY.  
MAX TEMPERATURE.....92-97.  
24 HR TREND.....UNCHANGED.  
MIN HUMIDITY.....14 PERCENT.  
24 HR TREND.....3 PERCENT DRIER.  
20-FOOT WINDS.....NORTHWEST 10 TO 15 MPH WITH HIGHER GUSTS  
SHIFTING TO THE WEST 10 TO 20 MPH WITH GUSTS TO  
AROUND 35 MPH IN THE AFTERNOON.  
LAL.....1 UNTIL 1500...THEN 2.  
CHC OF WETTING RAIN.ZERO PERCENT.  
TRANSPORT WINDS.....NORTHWEST AROUND 10 MPH SHIFTING TO THE WEST IN  
THE AFTERNOON.  
MIXING HEIGHT.....7100-8100 FT AGL INCREASING TO 10300-11700 FT  
AGL IN THE AFTERNOON.  
SMOKE DISPERSAL.....GOOD (74700 KNOT-FT) INCREASING TO EXCELLENT  
(161800 KNOT-FT) IN THE AFTERNOON.  
HAINES INDEX.....4 OR LOW POTENTIAL FOR LARGE PLUME DOMINATED  
FIRE GROWTH.

## **.TONIGHT...**

SKY/WEATHER.....PARTLY CLOUDY.  
MIN TEMPERATURE.....62-67.  
24 HR TREND.....6 DEGREES WARMER.  
MAX HUMIDITY.....54-60 PERCENT.  
24 HR TREND.....4 PERCENT DRIER.  
HUMIDITY RECOVERY...FAIR.  
20-FOOT WINDS.....WEST UP TO 20 MPH BECOMING 10 TO 15 MPH AFTER  
MIDNIGHT. GUSTS UP TO 30 MPH.  
LAL.....1.  
CHC OF WETTING RAIN.ZERO PERCENT.  
TRANSPORT WINDS.....WEST AROUND 15 MPH.  
MIXING HEIGHT.....4900-5700 FT AGL DECREASING TO 0 FT AGL AFTER  
MIDNIGHT.  
SMOKE DISPERSAL.....GOOD (62100 KNOT-FT) DECREASING TO POOR (0  
KNOT-FT) AFTER MIDNIGHT.  
HAINES INDEX.....5 OR MODERATE POTENTIAL FOR LARGE PLUME  
DOMINATED FIRE GROWTH.

# Weather Discussion

WYZ307 -  
SNOWY RANGE/MEDICINE BOW NF

RED FLAG WARNING IN EFFECT FROM NOON TODAY TO 8 PM MDT THIS  
EVENING FOR PART OF SOUTHEAST WYOMING

.DISCUSSION...DRY AND BREEZY CONDITIONS WILL PREVAIL TODAY...  
ESPECIALLY ACROSS SOUTHEAST WYOMING. THE DRY AND BREEZY CONDITIONS  
WILL CONTINUE INTO MONDAY AND TUESDAY...BEFORE A SLIGHT CHANCE OF  
LATE DAY THUNDERSTORMS STARTS WEDNESDAY INTO THE WEEKEND.

## .TODAY...

SKY/WEATHER.....MOSTLY SUNNY UNTIL 1200...THEN PARTLY CLOUDY.  
ISOLATED SHOWERS AND THUNDERSTORMS AFTER 1200.  
MAX TEMPERATURE.....74-82.  
24 HR TREND.....UNCHANGED.  
MIN HUMIDITY.....14-20 PERCENT.  
24 HR TREND.....1 PERCENT WETTER.  
20-FOOT WINDS.....WEST 10 TO 20 MPH WITH GUSTS TO AROUND 35 MPH.  
LAL.....1 UNTIL 1200...THEN 3.  
CHC OF WETTING RAIN.ZERO PERCENT.  
TRANSPORT WINDS.....WEST 20 TO 25 MPH.  
MIXING HEIGHT.....7300-8500 FT AGL INCREASING TO 10500-12100 FT  
AGL IN THE AFTERNOON.  
SMOKE DISPERSAL.....VERY GOOD (129700 KNOT-FT) INCREASING TO  
EXCELLENT (244100 KNOT-FT) IN THE AFTERNOON.  
HAINES INDEX.....5 OR MODERATE POTENTIAL FOR LARGE PLUME  
DOMINATED FIRE GROWTH.

## .TONIGHT...

SKY/WEATHER.....PARTLY CLOUDY. ISOLATED SHOWERS AND  
THUNDERSTORMS UNTIL 2400.  
MIN TEMPERATURE.....48-54.  
24 HR TREND.....UNCHANGED.  
MAX HUMIDITY.....65-71 PERCENT.  
24 HR TREND.....18 PERCENT WETTER.  
HUMIDITY RECOVERY...FAIR.  
20-FOOT WINDS.....SOUTHWEST 10 TO 20 MPH AND GUSTY.  
LAL.....3 UNTIL 2100...THEN 2 UNTIL 2400...THEN 1.  
CHC OF WETTING RAIN.ZERO PERCENT.  
TRANSPORT WINDS.....SOUTHWEST AROUND 20 MPH.  
MIXING HEIGHT.....5100-6000 FT AGL DECREASING TO 0 FT AGL AFTER  
MIDNIGHT.  
SMOKE DISPERSAL.....VERY GOOD (103300 KNOT-FT) DECREASING TO POOR  
(0 KNOT-FT) AFTER MIDNIGHT.  
HAINES INDEX.....5 OR MODERATE POTENTIAL FOR LARGE PLUME  
DOMINATED FIRE GROWTH.